



JC05 Rec'd PCT/PTO 28 FEB 2002

Patent
Attorney's Docket No. 000510-010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Donald GULLBERG)

Group Art Unit: To be assigned

Application No.: 09/980,403)

Examiner: To be assigned

Filed: December 3, 2001)

For: AN INTEGRIN HETERODIMER AND)
AN ALPHA SUBUNIT THEREOF)

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

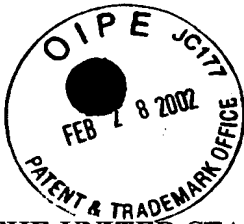
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620
Date: February 28, 2002

By: Donna M. Meuth 51,147
Donna M. Meuth
Registration No. 36,607



Patent
Attorney's Docket No. 000510-010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Donald GULLBERG) Group Art Unit: To be assigned
)
Application No.: 09/980,403) Examiner: To be assigned
)
Filed: December 3, 2001)
)
For: AN INTEGRIN HETERODIMER AND)
AN ALPHA SUBUNIT THEREOF)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

The documents submitted herewith were cited in the PCT International Search Report (copy attached).

To assist the Examiner, the references are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620
Date: February 28, 2002

By: Erin M. D 51,147
Donna M. Meuth
Registration No. 36,607

Substitute for form 1449A/PTO

ATTORNEY'S NO.

000510-01

APPLICATION No.

09/980,403

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT

Donald GULLBERG

FILING DATE

December 3, 2001

GROUP

FEB 28 2002

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	92/19647	A1	WO	11-12-1992	X	
	97/18838	A1	WO	05-29-1997	X	
	98/22500	A2	WO	05-28-1998	X	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Michele Genini et al, "Isolation of genes differentially expressed in human primary myoblasts and embryonal rhabdomyosarcoma," Int. J. Cancer, Vol. 66, 1996, pages 571-577.
	Donald Gullberg, et al, "Up-Regulation of a Novel Integrin α -Chain (α_m) on Human Fetal Myotubes," Developmental Dynamics, Vol. 204, 1995, pages 57-65.
	Lisbet Camper, et al, "Isolation, Cloning, and Sequence Analysis of the Integrin Subunit $\alpha 10$, a $\beta 1$ -associated Collagen Binding Integrin Expressed on Chondrocytes," The Journal of Biological Chemistry, Vol. 273, No. 32, 1998, pages 20383-20389.
	Donald Gullberg et al, "Integrins During Muscle Development and in Muscular Dystrophies," Frontiers in Bioscience, Vol. 3, October 1998, pages 1039-1050.
	Teet Velling et al, "cDNA Cloning and Chromosomal Localization of Human α_{11} Integrin," The Journal of Biological Chemistry, Vol. 274, No. 36, September 1999, pages 25735-25742.
	K. Lehnert et al, "Cloning, sequence analysis, and chromosomal localization of the novel human integrin alpha subunit (ITGA11)," National Library of Medicine, September 1999.
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.